```
LLL              IIIIIIIIII  BBBBBBBBBBBB  RRRRRRRRRRR   TTTTTTTTTTTTTTT  LLL
LLL              IIIIIIIIII  BBBBBBBBBBBB  RRRRRRRRRRR   TTTTTTTTTTTTTTT  LLL
LLL              IIIIIIIIII  BBBBBBBBBBBB  RRRRRRRRRRR   TTTTTTTTTTTTTTT  LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBBBBBBBBBBB  RRRRRRRRRRR         TTT         LLL
LLL                 III      BBBBBBBBBBBB  RRRRRRRRRRR         TTT         LLL
LLL                 III      BBB      BBB  RRR   RRR           TTT         LLL
LLL                 III      BBB      BBB  RRR   RRR           TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLL                 III      BBB      BBB  RRR      RRR        TTT         LLL
LLLLLLLLLLLLLLL  IIIIIIIIII  BBBBBBBBBBBB  RRR      RRR        TTT    LLLLLLLLLLLLLLL
LLLLLLLLLLLLLLL  IIIIIIIIII  BBBBBBBBBBBB  RRR      RRR        TTT    LLLLLLLLLLLLLLL
LLLLLLLLLLLLLLL  IIIIIIIIII  BBBBBBBBBBBB  RRR      RRR        TTT    LLLLLLLLLLLLLLL
```

FILEID**LIBCVTUO

```
LL        IIIIII   BBBBBBBB    CCCCCCCC   VV      VV   TTTTTTTTTT   UU      UU      000000
LL        IIIIII   BBBBBBBB    CCCCCCCC   VV      VV   TTTTTTTTTT   UU      UU      000000
LL          II     BB      BB  CC          VV    VV        TT       UU      UU    00      00
LL          II     BB      BB  CC          VV    VV        TT       UU      UU    00      00
LL          II     BB      BB  CC          VV    VV        TT       UU      UU    00      00
LL          II     BBBBBBBB    CC          VV    VV        TT       UU      UU    00      00
LL          II     BBBBBBBB    CC          VV    VV        TT       UU      UU    00      00
LL          II     BB      BB  CC          VV    VV        TT       UU      UU    00      00
LL          II     BB      BB  CC          VV    VV        TT       UU      UU    00      00
LL          II     BB      BB  CC            VV VV         TT       UU      UU    00      00
LL          II     BB      BB  CC            VV VV         TT       UU      UU    00      00
LLLLLLLLL   IIIIII   BBBBBBBB    CCCCCCCC      VV          TT       UUUUUUUUUU      000000    ....
LLLLLLLLL   IIIIII   BBBBBBBB    CCCCCCCC      VV          TT       UUUUUUUUUU      000000    ....
                                                                                            ....
LL        IIIIII    SSSSSSSS
LL        IIIIII    SSSSSSSS
LL          II    SS
LL          II    SS
LL          II    SS
LL          II    SS
LL          II      SSSSSS
LL          II      SSSSSS
LL          II            SS
LL          II            SS
LL          II            SS
LL          II            SS
LLLLLLLLL   IIIIII  SSSSSSSS
LLLLLLLLL   IIIIII  SSSSSSSS
```

D 6

```
0000          1              .TITLE  LIB$AB_CVT_U_O   Unsigned to Overpunch Translation Table
0000          2              .IDENT  /1-0037          ; File: LIBCVTUO.MAR
0000          3
0000          4  ;
0000          5  ;**********************************************************************************
0000          6  ;*                                                                                *
0000          7  ;*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                      *
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0000         23  ;*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                      *
0000         24  ;*                                                                                *
0000         25  ;*                                                                                *
0000         26  ;**********************************************************************************
0000         27  ;
0000         28  ;
0000         29  ; FACILITY: LIBRARY SUPPORT
0000         30  ;++
0000         31  ; ABSTRACT:
0000         32  ;       This module contains the translation table for unsigned to overpunch
0000         33  ;       conversion.  It is used by compiled code in conversion to left
0000         34  ;       overpunch.
0000         35  ;
0000         36  ;
0000         37  ;--
0000         38  ;
0000         39  ; VERSION: 1
0000         40  ;
0000         41  ; HISTORY:
0000         42  ;
0000         43  ; AUTHOR:
0000         44  ;       Marty Jack, 08-Jun-1979
0000         45  ;
0000         46  ; MODIFIED BY:
0000         47  ;
0000         48  ;
0000         49  ;
```

LIB$AB_CVT_U_O
1-003

F 6
Unsigned to Overpunch Translation Table 15-SEP-1984 23:54:40 VAX/VMS Macro V04-00   Page 2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:05:09 [LIBRTL.SRC]LIBCVTUO.MAR;1   (2)

```
0000    51              .SBTTL  HISTORY             ; Detailed Current Edit History
0000    52
0000    53
0000    54  ; Edit History for Version 1 of LIBCVTUO
0000    55  ;
0000    56  ; 1-001 - Original.  MLJ 08-Jun-1979
0000    57  ; 1-002 - Created LIBCVTUO from rev. 1 of COBCVTUO. RKR 21-Aug-1979
0000    58  ; 1-003 - Cosmetic changes.  RKR 21-OCT-79
```

```
          0000        60                  .SBTTL  DECLARATIONS
          0000        61
          0000        62  ;
          0000        63  ; INCLUDE FILES:
          0000        64  ;
          0000        65
          0000        66
          0000        67  ; EXTERNAL SYMBOLS:
          0000        68  ;     NONE
          0000        69  ;
          0000        70
          0000        71
          0000        72  ; MACROS:
          0000        73  ;     NONE
          0000        74  ;
          0000        75
          0000        76
          0000        77  ; PSECT DECLARATIONS:
       00000000        78          .PSECT  _LIB$CODE        PIC, SHR, LONG, EXE, NOWRT
          0000        79
          0000        80
          0000        81  ; EQUATED SYMBOLS:
          0000        82  ;     NONE
          0000        83  ;
          0000        84
          0000        85
          0000        86  ; OWN STORAGE:
          0000        87  ;     NONE
          0000        88  ;
```

```
                                  0000      90                  .SBTTL  LIB$AB_CVT_U_O
                                  0000      91
                                  0000      92  ;++
                                  0000      93  ; FUNCTIONAL DESCRIPTION:
                                  0000      94  ;
                                  0000      95  ;       This is the unsigned to overpunch translation table.  It is indexed
                                  0000      96  ;       by 0 through 9 for the positive overpunches and 10 through 19 for
                                  0000      97  ;       the negative overpunches.
                                  0000      98  ;
                                  0000      99  ;--
                                  0000     100
                                  0000     101  LIB$AB_CVT_U_O::
49 48 47 46 45 44 43 42 41 7B     0000     102                  .ASCII  "{ABCDEFGHI"
52 51 50 4F 4E 4D 4C 4B 4A 7D     000A     103                  .ASCII  "}JKLMNOPQR"
                                  0014     104  ;
                                  0014     105                  .END
```

LIB$AB_CVT_U_O   00000000 RG   01

```
                                    +------------------+
                                    ! Psect synopsis !
                                    +------------------+

PSECT name                      Allocation          PSECT No.  Attributes
----------                      ----------          ---------  ----------
.  ABS  .                       00000000  (    0.)  00 (  0.)  NOPIC  USR  CON  ABS  LCL  NOSHR  NOEXE  NORD  NOWRT  NOVEC  BYTE
_LIB$CODE                       00000014  (   20.)  01 (  1.)  PIC    USR  CON  REL  LCL  SHR    EXE    RD    NOWRT  NOVEC  LONG

                                  +------------------------+
                                  ! Performance indicators !
                                  +------------------------+

Phase                   Page faults      CPU Time        Elapsed Time
-----                   -----------      --------        ------------
Initialization                  29       00:00:00.05     00:00:02.40
Command processing             107       00:00:00.31     00:00:04.91
Pass 1                          63       00:00:00.23     00:00:02.47
Symbol table sort                0       00:00:00.00     00:00:00.00
Pass 2                          36       00:00:00.16     00:00:01.74
Symbol table output              1       00:00:00.01     00:00:00.01
Psect synopsis output            2       00:00:00.01     00:00:00.01
Cross-reference output           0       00:00:00.00     00:00:00.00
Assembler run totals           240       00:00:00.77     00:00:11.54
```

The working set limit was 750 pages.
991 bytes (2 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
105 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

```
                                +---------------------------+
                                ! Macro library statistics !
                                +---------------------------+

Macro library name                      Macros defined
------------------                      --------------
_$255$DUA28:[SYSLIB]STARLET.MLB;2             0
```

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS$:LIBCVTUO/OBJ=OBJ$:LIBCVTUO MSRC$:LIBCVTUO/UPDATE=(ENH$:LIBCVTUO)